	U	1	Document ID	Issue Date	Pages
1	☐	☐	**US 6314409 B1**	**20011106**	**50**
2	☐	☐	**US 6285774 B1**	**20010904**	**54**
3	☐	☐	**US 5933498 A**	**19990803**	**51**

	Title	Current OR
1	**System for controlling access and distribution of digital property**	705/54
2	**System and methodology for tracing to a source of unauthorized copying of prerecorded proprietary material, such as movies**	382/100
3	**System for controlling access and distribution of digital property**	705/54

	Current XRef	Retrieval Classif	Inventor	S
1	380/259; 380/287; 380/59; 705/57; 713/182; 713/189; 713/193; 713/194; 713/200		Schneck, Paul B. et al.	☒
2	380/202		Schumann, Robert W. et al.	☒
3			Schneck, Paul B. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
1	☐	☐	☐	☐	☐	☐	**US 6314409**	☐
2	☐	☐	☐	☐	☐	☐	**US 6285774**	☐
3	☐	☐	☐	☐	☐	☐	**US 5933498**	☐

	U	1	Document ID	Issue Date	Pages
1	☐	☐	US 6373950 B1	20020416	135
2	☐	☐	US 6363363 B1	20020326	125
3	☐	☐	US 6324525 B1	20011127	151
4	☐	☐	US 6304915 B1	20011016	124
5	☐	☐	US 6253027 B1	20010626	130

	Title	Current OR
1	System, method and article of manufacture for transmitting messages within messages utilizing an extensible, flexible architecture	380/255
2	System, method and article of manufacture for managing transactions in a high availability system	705/40
3	Settlement of aggregated electronic transactions over a network	705/40
4	System, method and article of manufacture for a gateway system architecture with system administration information accessible from a browser	709/250
5	System, method and article of manufacture for exchanging software and configuration data over a multichannel, extensible, flexible architecture	380/287

	Current XRef	Retrieval Classif	Inventor	S
1	380/43; 380/59; 705/64		Rowney, Kevin T. B.	☒
2	705/26; 705/27; 705/77; 709/203; 709/230; 709/245; 709/249; 709/250		Haller, Daniel R. et al.	☒
3			Kramer, Glenn A. et al.	☒
4	709/217; 709/230		Nguyen, Trong et al.	☒
5	705/26; 705/50; 713/150; 713/151; 713/164; 713/168; 713/175; 713/180; 713/200; 713/201		Weber, Jay C. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
1	☐	☐	☐	☐	☐	☐	**US 6373950**	☐
2	☐	☐	☐	☐	☐	☐	**US 6363363**	☐
3	☐	☐	☐	☐	☐	☐	**US 6324525**	☐
4	☐	☐	☐	☐	☐	☐	**US 6304915**	☐
5	☐	☐	☐	☐	☐	☐	**US 6253027**	☐

	U	1	Document ID	Issue Date	Pages
6	☐	☐	US 6178409 B1	20010123	132
7	☐	☐	US 6163772 A	20001219	123
8	☐	☐	US 6119105 A	20000912	151
9	☐	☐	US 6072870 A	20000606	125

	Title	Current OR
6	**System, method and article of manufacture for multiple-entry point virtual point of sale architecture**	**705/79**
7	**Virtual point of sale processing using gateway-initiated messages**	**705/79**
8	**System, method and article of manufacture for initiation of software distribution from a point of certificate creation utilizing an extensible, flexible architecture**	**705/39**
9	**System, method and article of manufacture for a gateway payment architecture utilizing a multichannel, extensible, flexible architecture**	**705/79**

	Current XRef	Retrieval Classif	Inventor	S
6	380/255; 380/287; 705/26; 705/39; 705/40; 705/44; 705/76; 705/77; 713/150; 713/153; 713/155; 713/156; 713/168; 713/175		Weber, Jay C. et al.	☒
7	705/78; 709/224; 709/249; 713/153		Kramer, Glenn A. et al.	☒
8	705/26; 705/44		Williams, Humphrey	☒
9	705/26; 705/35; 705/39; 705/40; 705/78; 713/201		Nguyen, Trong et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
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7	☐	☐	☐	☐	☐	☐	US 6163772	☐
8	☐	☐	☐	☐	☐	☐	US 6119105	☐
9	☐	☐	☐	☐	☐	☐	US 6072870	☐

	U	1	Document ID	Issue Date	Pages
10	☐	☐	US 6026379 A	20000215	133
11	☐	☐	US 6002787 A	19991214	43
12	☐	☐	US 6002767 A	19991214	153
13	☐	☐	US 5987132 A	19991116	145
14	☐	☐	US 5983208 A	19991109	128
15	☐	☐	US 5978840 A	19991102	116

	Title	Current OR
10	System, method and article of manufacture for managing transactions in a high availability system	705/34
11	Fingerprint analyzing and encoding system	382/125
12	System, method and article of manufacture for a modular gateway server architecture	705/79
13	System, method and article of manufacture for conditionally accepting a payment method utilizing an extensible, flexible architecture	705/77
14	System, method and article of manufacture for handling transaction results in a gateway payment architecture utilizing a multichannel, extensible, flexible architecture	705/40
15	System, method and article of manufacture for a payment gateway system architecture for processing encrypted payment transactions utilizing a multichannel, extensible, flexible architecture	709/217

	Current XRef	Retrieval Classif	Inventor	S
10	705/26; 705/27; 705/39		Haller, Daniel R. et al.	☒
11			Takhar, Harinder S. et al.	☒
12	705/26; 705/27; 713/153		Kramer, Glenn A.	☒
13	705/26; 705/35; 705/39; 705/40; 705/44; 705/76; 705/79		Rowney, Kevin T. B.	☒
14	705/21; 705/44		Haller, Daniel R. et al.	☒
15	705/53; 705/79		Nguyen, Trong et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
10	☐	☐	☐	☐	☐	☐	US 6026379	☐
11	☐	☐	☐	☐	☐	☐	US 6002787	☐
12	☐	☐	☐	☐	☐	☐	US 6002767	☐
13	☐	☐	☐	☐	☐	☐	US 5987132	☐
14	☐	☐	☐	☐	☐	☐	US 5983208	☐
15	☐	☐	☐	☐	☐	☐	US 5978840	☐

	U	1	Document ID	Issue Date	Pages
16	☐	☐	US 5943424 A	19990824	150
17	☐	☐	US 5931917 A	19990803	119
18	☐	☐	US 5889863 A	19990330	147
19	☒	☐	US 5864623 A	19990126	21
20	☒	☐	US 5850446 A	19981215	145
21	☒	☐	US 5812668 A	19980922	146

	Title	Current OR
16	System, method and article of manufacture for processing a plurality of transactions from a single initiation point on a multichannel, extensible, flexible architecture	705/64
17	System, method and article of manufacture for a gateway system architecture with system administration information accessible from a browser	709/250
18	System, method and article of manufacture for remote virtual point of sale processing utilizing a multichannel, extensible, flexible architecture	705/76
19	Authentication system for driver licenses	340/5.86
20	System, method and article of manufacture for virtual point of sale processing utilizing an extensible, flexible architecture	705/79
21	System, method and article of manufacture for verifying the operation of a remote transaction clearance system utilizing a multichannel, extensible, flexible architecture	705/79

	Current XRef	Retrieval Classif	Inventor	S
16	380/29; 380/30; 705/26; 705/70; 705/76; 705/79		Berger, David A. et al.	☒
17	709/203; 709/216		Nguyen, Trong et al.	☒
18	705/26; 705/39; 705/40; 705/44; 705/77		Weber, Jay C.	☒
19	235/380		Messina, Kevin M. et al.	☐
20	380/59; 705/26; 713/153		Berger, David A. et al.	☐
21	705/16; 705/21; 705/75; 902/22		Weber, Jay C.	☐

	C	P	2	3	4	5	Image Doc. Displayed	PT
16	☐	☐	☐	☐	☐	☐	**US 5943424**	☐
17	☐	☐	☐	☐	☐	☐	**US 5931917**	☐
18	☐	☐	☐	☐	☐	☐	**US 5889863**	☐
19	☐	☐	☐	☐	☐	☐	**US 5864623**	☐
20	☐	☐	☐	☐	☐	☐	**US 5850446**	☐
21	☐	☐	☐	☐	☐	☐	**US 5812668**	☐

	U	1	Document ID	Issue Date	Pages
1	☐	☐	US 6519037 B2	20030211	157
2	☐	☐	US 6373573 B1	20020416	167
3	☐	☐	US 6362888 B1	20020326	154
4	☐	☐	US 6249348 B1	20010619	153
5	☐	☐	US 6246479 B1	20010612	154

	Title	Current OR
1	**Spectrometer having optical unit including a randomized fiber optic implement**	356/419
2	**Apparatus for measuring optical characteristics of a substrate and pigments applied thereto**	356/419
3	**Spectrometer assembly**	356/419
4	**Integrated spectrometer assembly and methods**	356/419
5	**Integrated spectrometer assembly and methods**	356/419

	Current XRef	Retrieval Classif	Inventor	S
1	250/226; 356/416		Jung, Wayne D. et al.	☒
2	347/19; 356/71		Jung, Wayne D. et al.	☒
3	250/226; 356/416		Jung, Wayne D. et al.	☒
4	250/226; 356/416; 356/71		Jung, Wayne D. et al.	☒
5	250/226; 356/416; 356/71		Jung, Wayne D. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
1	☐	☐	☐	☐	☐	☐	**US 6519037**	☐
2	☐	☐	☐	☐	☐	☐	**US 6373573**	☐
3	☐	☐	☐	☐	☐	☐	**US 6362888**	☐
4	☐	☐	☐	☐	☐	☐	**US 6249348**	☐
5	☐	☐	☐	☐	☐	☐	**US 6246479**	☐

L Number	Hits	Search Text	DB	Time stamp
1	0	bootlegg$ and recording and digital and edit$	USPAT; EPO; JPO	2003/03/24 09:56
5	3	bootleg$ and recording and digital and edit$	USPAT; EPO; JPO	2003/03/24 10:31
9	112	counterfeit and recording and digital and track and file	USPAT; EPO; JPO	2003/03/24 10:43
13	21	(counterfeit and recording and digital and track and file) and parses	USPAT; EPO; JPO	2003/03/24 10:37
17	5	(counterfeit and recording and digital and track and file) and edit$ and mixer	USPAT; EPO; JPO	2003/03/24 10:43
21	969	recording and digital and track and file and edit$ and mix$ and storage	USPAT; EPO; JPO	2003/03/24 10:51
26	34	(recording and digital and track and file and edit$ and mix$ and storage) and ((multiple or plurality) near2 (recording adj (media or medium or disk or disc)))	USPAT; EPO; JPO	2003/03/24 10:55
22	268	(recording and digital and track and file and edit$ and mix$ and storage) and (recording adj (media or medium or disk or disc))	USPAT; EPO; JPO	2003/03/24 11:08
30	0	recoding adj live adj (concert or performance or event)	USPAT; EPO; JPO	2003/03/24 11:10
34	2	recoding adj (concert or performance or event)	USPAT; EPO; JPO	2003/03/24 11:11

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	U	1	Document ID	Issue Date	Pages
1	☐	☐	US 6529682 B1	20030304	75
2	☐	☐	US 6515956 B2	20030204	18
3	☐	☐	US 6483602 B1	20021119	97
4	☐	☐	US 6480828 B1	20021112	74
5	☐	☐	US 6459511 B1	20021001	96
6	☐	☐	US 6453113 B1	20020917	20

	Title	Current OR
1	Information recording medium, apparatus and method for performing after-recording on the recording medium	386/95
2	Optical recording medium, reproducing apparatus, and recording and reproducing apparatus therefor	369/112.17
3	Laboratory system, method of controlling operation thereof, playback apparatus and method, film image management method, image data copying system and method of copying image data	358/1.16
4	Information recording medium, apparatus and method for performing after-recording on the recording medium	704/500
5	Laboratory system, method of controlling operation thereof, playback apparatus and method, film image management method, image data copying system and method of copying image data	358/506
6	Editing apparatus and editing method	386/54

	Current XRef	Retrieval Classif	Inventor	S
1	386/125; 386/96; 386/98		Okada, Tomoyuki et al.	☒
2	369/284; 369/288		Tamada, Sakuya	☒
3	358/404; 358/444		Haneda, Norihisa	☒
4	386/105; 386/124; 386/52; 704/278; 704/501		Okada, Tomoyuki et al.	☒
5	358/302; 396/311		Haneda, Norihisa	☒
6	386/125; 386/55; 386/96		Sakai, Seiichi et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
1	☐	☐	☐	☐	☐	☐	**US 6529682**	☐
2	☐	☐	☐	☐	☐	☐	**US 6515956**	☐
3	☐	☐	☐	☐	☐	☐	**US 6483602**	☐
4	☐	☐	☐	☐	☐	☐	**US 6480828**	☐
5	☐	☐	☐	☐	☐	☐	**US 6459511**	☐
6	☐	☐	☐	☐	☐	☐	**US 6453113**	☐

	U	1	Document ID	Issue Date	Pages
7	☐	☐	US 6449221 B1	20020910	95
8	☐	☐	US 6385690 B1	20020507	46
9	☐	☐	US 6374037 B1	20020416	78
10	☐	☐	US 6249644 B1	20010619	58
11	☐	☐	US 6243350 B1	20010605	110
12	☐	☐	US 6243171 B1	20010605	97

	Title	Current OR
7	**Storage media for optical storage systems**	**369/13.35**
8	**Recording method, managing method, and recording apparatus**	**711/103**
9	**Information recording medium apparatus and method for performing after-recording on the recording medium**	**386/95**
10	**Electronic filing system capable of recording image reproduced from developed film**	**386/130**
11	**Optical storage systems with flying optical heads for near-field recording and reading**	**369/126**
12	**Laboratory system, method of controlling operation thereof, playback apparatus and method, film image management method, image data copying system and method of copying image data**	**358/1.15**

	Current XRef	Retrieval Classif	Inventor	S
7	369/13.4; 369/283; 369/286; 428/64.3; 428/694ML		Knight, Gordon R. et al.	☒
8	707/200; 707/205; 711/112; 711/4		Iida, Kenichi et al.	☒
9	386/125; 386/96		Okada, Tomoyuki et al.	☒
10	348/96; 348/97		Inoue, Manabu et al.	☒
11	369/112.24; 369/44.23; 369/44.24		Knight, Gordon R. et al.	☒
12	355/40; 358/487; 396/429		Haneda, Norihisa	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
7	☐	☐	☐	☐	☐	☐	**US 6449221**	☐
8	☐	☐	☐	☐	☐	☐	**US 6385690**	☐
9	☐	☐	☐	☐	☐	☐	**US 6374037**	☐
10	☐	☐	☐	☐	☐	☐	**US 6249644**	☐
11	☐	☐	☐	☐	☐	☐	**US 6243350**	☐
12	☐	☐	☐	☐	☐	☐	**US 6243171**	☐

	U	1	Document ID	Issue Date	Pages
13	☐	☐	US 6215746 B1	20010410	73
14	☐	☐	US 6211974 B1	20010403	98
15	☐	☐	US 6181871 B1	20010130	54
16	☐	☐	US 6144797 A	20001107	207
17	☐	☐	US 6112010 A	20000829	96
18	☐	☐	US 6072936 A	20000606	44
19	☐	☐	US 6031573 A	20000229	210

	Title	Current OR
13	Information recording medium, information recording method and apparatus, and information playback method and apparatus	369/53.2
14	Laboratory system, method of controlling operation thereof, playback apparatus and method, film image management method, image data copying system and method of copying image data	358/527
15	Machine-readable data medium having interactive reproduction procedures with prohibition information, a reproduction apparatus and method of interacting	386/95
16	Intelligent video information management system performing multiple functions in parallel	386/46
17	Still picture system for high speed reproduction	386/95
18	Picture synthesizing apparatus and recording medium	386/95
19	Intelligent video information management system performing multiple functions in parallel	375/240.16

	Current XRef	Retrieval Classif	Inventor	S
13	369/53.41; 386/95		Ando, Hideo et al.	☒
14	348/526; 358/526		Haneda, Norihisa	☒
15	386/125		Saeki, Shinichi et al.	☒
16	386/117; 386/52; 386/64		MacCormack, David Ross et al.	☒
17	386/126		Koyama, Noboru et al.	☒
18	386/69		Koyama, Noboru	☒
19	348/154; 386/6		MacCormack, David Ross et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
13	☐	☐	☐	☐	☐	☐	**US 6215746**	☐
14	☐	☐	☐	☐	☐	☐	**US 6211974**	☐
15	☐	☐	☐	☐	☐	☐	**US 6181871**	☐
16	☐	☐	☐	☐	☐	☐	**US 6144797**	☐
17	☐	☐	☐	☐	☐	☐	**US 6112010**	☐
18	☐	☐	☐	☐	☐	☐	**US 6072936**	☐
19	☐	☐	☐	☐	☐	☐	**US 6031573**	☐

	U	1	Document ID	Issue Date	Pages
20	☐	☐	US 6011897 A	20000104	102
21	☐	☐	US 5875305 A	19990223	213
22	☐	☐	US 5862342 A	19990119	208
23	☐	☐	US 5822542 A	19981013	209
24	☐	☐	US 5822533 A	19981013	57
25	☐	☐	US 5761369 A	19980602	20
26	☐	☐	US 5647047 A	19970708	34
27	☐	☐	US 4839745 A	19890613	36
28	☐	☐	US 4789961 A	19881206	50

	Title	Current OR
20	**Still picture system for high speed reproduction**	386/95
21	**Video information management system which provides intelligent responses to video data content features**	709/231
22	**Intelligent video information management system with information archiving capabilities**	709/231
23	**Electronic and structural components of an intelligent video information management apparatus**	709/247
24	**Information tracing system and information tracing method**	709/224
25	**Video system using two different kinds of recording media**	386/46
26	**System for editing video reproduced from a plurality of recording media at high speed**	386/52
27	**Computer memory back-up**	386/113
28	**Computer memory back-up with automatic tape positioning**	360/72.1

	Current XRef	Retrieval Classif	Inventor	S
20	386/126		Koyama, Noboru et al.	☒
21	348/262; 348/588		Winter, Gerhard Josef et al.	☒
22	348/237; 360/27; 360/32		Winter, Gerhard Josef et al.	☒
23	348/317; 348/700; 348/715		Smith, Gordon W. et al.	☒
24	709/238		Saito, Kazuo et al.	☒
25	386/68		Yoshimura, Katsuji et al.	☒
26	386/68		Nagasawa, Fumihiro	☒
27	360/32; 714/710		Tindall, Robert J.	☒
28	360/74.1		Tindall, Robert J.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
20	☐	☐	☐	☐	☐	☐	US 6011897	☐
21	☐	☐	☐	☐	☐	☐	US 5875305	☐
22	☐	☐	☐	☐	☐	☐	US 5862342	☐
23	☐	☐	☐	☐	☐	☐	US 5822542	☐
24	☐	☐	☐	☐	☐	☐	US 5822533	☐
25	☐	☐	☐	☐	☐	☐	US 5761369	☐
26	☐	☐	☐	☐	☐	☐	US 5647047	☐
27	☐	☐	☐	☐	☐	☐	US 4839745	☐
28	☐	☐	☐	☐	☐	☐	US 4789961	☐

	U	1	Document ID	Issue Date	Pages
29	☐	☐	US 4746991 A	19880524	45
30	☐	☐	US 4724495 A	19880209	34
31	☐	☐	US 4652944 A	19870324	37
32	☐	☐	US 4577240 A	19860318	35
33	☐	☐	US 3748381 A	19730724	49
34	☐	☐	US 3740463 A	19730619	49

	Title	Current OR
29	**Recording characteristic evaluation of a recording medium with a time sequence of test signals**	386/25
30	**Digital formatter, controller, and head assembly for video disk recording system, and method**	360/22
31	**Computer memory back-up**	386/84
32	**Multiple zone multiple disk video recording system**	360/22
33	**IMPROVED EDITING SYSTEM**	386/54
34	**IMPROVED EDITING SYSTEM**	386/54

	Current XRef	Retrieval Classif	Inventor	S
29	360/31; 369/53.36		Efron, Edward et al.	☒
30	360/32; 360/48; 360/70; 360/78.12; 386/124; 386/125; 386/93		Hedberg, David J. et al.	☒
31			Tindall, Robert J.	☒
32	360/31; 360/32; 360/78.12; 360/98.01; 386/121; 386/124; 386/125		Hedberg, David J. et al.	☒
33			Strobele, Caljon H. et al.	☒
34	386/60		Youngstrom, Jerry R. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
29	☐	☐	☐	☐	☐	☐	US 4746991	☐
30	☐	☐	☐	☐	☐	☐	US 4724495	☐
31	☐	☐	☐	☐	☐	☐	US 4652944	☐
32	☐	☐	☐	☐	☐	☐	US 4577240	☐
33	☐	☐	☐	☐	☐	☐	US 3748381	☐
34	☐	☐	☐	☐	☐	☐	US 3740463	☐

L Number	Hits	Search Text	DB	Time stamp
1	1990	live adj performance	USPAT; EPO; JPO	2003/03/24 11:27
5	68	(live adj performance) and recording and editing	USPAT; EPO; JPO	2003/03/24 11:28
9	54	((live adj performance) and recording and editing) and digital and track	USPAT; EPO; JPO	2003/03/24 11:28
13	48	(((live adj performance) and recording and editing) and digital and track) and (media or medium)	USPAT; EPO; JPO	2003/03/24 11:29

	U	1	Document ID	Issue Date	Pages
1	☐	☐	US 6536037 B1	20030318	328
2	☐	☐	US 6519571 B1	20030211	325
3	☐	☐	US 6473794 B1	20021029	328
4	☐	☐	US 6427140 B1	20020730	315
5	☐	☐	US 6421692 B1	20020716	38
6	☐	☐	US 6395969 B1	20020528	11
7	☐	☐	US 6389402 B1	20020514	315
8	☐	☐	US 6386985 B1	20020514	18

	Title	Current OR
1	Identification of redundancies and omissions among components of a web based architecture	717/151
2	Dynamic customer profile management	705/14
3	System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework	709/223
4	Systems and methods for secure transaction management and electronic rights protection	705/80
5	Object-oriented multimedia [data routing system] presentation control system	715/500.1
6	System and method for artistically integrating music and visual effects	84/477R
7	Systems and methods for secure transaction management and electronic rights protection	705/51
8	Virtual Staging apparatus and method	472/75

	Current XRef	Retrieval Classif	Inventor	S
1	703/2; 709/231		Guheen, Michael F et al.	☒
2			Guheen, Michael F. et al.	☒
3	709/224		Guheen, Michael F. et al.	☒
4	705/53; 713/193		Ginter, Karl L. et al.	☒
5	345/716; 345/764		Milne, Steven H. et al.	☒
6			Fuhrer, John Valentin	☒
7	380/201; 705/1; 705/37; 705/53; 705/57; 705/80		Ginter, Karl L. et al.	☒
8	345/581		Rackham, Guy Jonathan James	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
1	☐	☐	☐	☐	☐	☐	**US 6536037**	☐
2	☐	☐	☐	☐	☐	☐	**US 6519571**	☐
3	☐	☐	☐	☐	☐	☐	**US 6473794**	☐
4	☐	☐	☐	☐	☐	☐	**US 6427140**	☐
5	☐	☐	☐	☐	☐	☐	**US 6421692**	☐
6	☐	☐	☐	☐	☐	☐	**US 6395969**	☐
7	☐	☐	☐	☐	☐	☐	**US 6389402**	☐
8	☐	☐	☐	☐	☐	☐	**US 6386985**	☐

	U	1	Document ID	Issue Date	Pages
9	☐	☐	US 6377962 B1	20020423	39
10	☐	☐	US 6377281 B1	20020423	41
11	☐	☐	US 6363488 B1	20020326	314
12	☐	☐	US 6353169 B1	20020305	28
13	☐	☐	US 6343313 B1	20020129	58
14	☐	☐	US 6253193 B1	20010626	320
15	☐	☐	US 6237786 B1	20010529	316

	Title	Current OR
9	Software program for routing graphic image data between a source located in a first address space and a destination located in a second address space	715/515
10	Live performance control of computer graphic characters	345/700
11	Systems and methods for secure transaction management and electronic rights protection	713/201
12	Universal audio communications and control system and method	84/600
13	Computer conferencing system with real-time multipoint, multi-speed, multi-stream scalability	709/204
14	Systems and methods for the secure transaction management and electronic rights protection	705/57
15	Systems and methods for secure transaction management and electronic rights protection	213/153

	Current XRef	Retrieval Classif	Inventor	S
9	345/541		Tindell, James Michael et al.	☒
10	345/473; 345/706; 715/500.1		Rosenbluth, Steven et al.	☒
11	705/14; 705/53		Ginter, Karl L. et al.	☒
12	369/4; 370/420; 381/118; 84/645		Juszkiewicz, Henry E. et al.	☒
13	345/751; 345/752; 345/753; 709/203; 709/205; 709/242		Salesky, Joseph et al.	☒
14	705/52		Ginter, Karl L. et al.	☒
15	380/203; 705/51; 705/58		Ginter, Karl L. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
9	☐	☐	☐	☐	☐	☐	**US 6377962**	☐
10	☐	☐	☐	☐	☐	☐	**US 6377281**	☐
11	☐	☐	☐	☐	☐	☐	**US 6363488**	☐
12	☐	☐	☐	☐	☐	☐	**US 6353169**	☐
13	☐	☐	☐	☐	☐	☐	**US 6343313**	☐
14	☐	☐	☐	☐	☐	☐	**US 6253193**	☐
15	☐	☐	☐	☐	☐	☐	**US 6237786**	☐

	U	1	Document ID	Issue Date	Pages
16	☐	☐	US 6150598 A	20001121	72
17	☐	☐	US 6150597 A	20001121	24
18	☐	☐	US 6140568 A	20001031	42
19	☐	☐	US 6140565 A	20001031	40
20	☐	☐	US 5982891 A	19991109	315
21	☐	☐	US 5949876 A	19990907	318
22	☐	☐	US 5936643 A	19990810	37
23	☐	☐	US 5917912 A	19990629	319

	Title	Current OR
16	Tone data making method and device and recording medium	84/603
17	Method of arranging music with selectable templates of music notation	84/477R
18	System and method for automatically detecting a set of fundamental frequencies simultaneously present in an audio signal	84/616
19	Method of visualizing music system by combination of scenery picture and player icons	84/600
20	Systems and methods for secure transaction management and electronic rights protection	705/54
21	Systems and methods for secure transaction management and electronic rights protection	705/80
22	Method and apparatus for graphical data	345/541
23	System and methods for secure transaction management and electronic rights protection	713/187

	Current XRef	Retrieval Classif	Inventor	S
16	84/626; 84/629		Suzuki, Hideo et al.	☒
17	84/DIG.6		Kakishita, Masahiro et al.	☒
18	84/654		Kohler, Joseph Louis	☒
19	84/477R; 84/612; 84/622; 84/633; 84/636; 84/DIG.6		Yamauchi, Akira et al.	☒
20	705/26; 713/167		Ginter, Karl L. et al.	☒
21	705/1; 705/39; 705/54		Ginter, Karl L. et al.	☒
22			Tindell, James Michael et al.	☒
23	705/40; 709/312; 713/164		Ginter, Karl L. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
16	☐	☐	☐	☐	☐	☐	US 6150598	☐
17	☐	☐	☐	☐	☐	☐	US 6150597	☐
18	☐	☐	☐	☐	☐	☐	US 6140568	☐
19	☐	☐	☐	☐	☐	☐	US 6140565	☐
20	☐	☐	☐	☐	☐	☐	US 5982891	☐
21	☐	☐	☐	☐	☐	☐	US 5949876	☐
22	☐	☐	☐	☐	☐	☐	US 5936643	☐
23	☐	☐	☐	☐	☐	☐	US 5917912	☐

	U	1	Document ID	Issue Date	Pages
24	☐	☐	US 5915019 A	19990622	317
25	☐	☐	US 5910987 A	19990608	311
26	☐	☐	US 5902949 A	19990511	53
27	☐	☐	US 5892900 A	19990406	359
28	☐	☐	US 5864868 A	19990126	19
29	☐	☐	US 5848291 A	19981208	37
30	☐	☐	US 5792971 A	19980811	40
31	☐	☐	US 5773742 A	19980630	40

	Title	Current OR
24	**Systems and methods for secure transaction management and electronic rights protection**	**705/54**
25	**Systems and methods for secure transaction management and electronic rights protection**	**705/52**
26	**Musical instrument system with note anticipation**	**84/609**
27	**Systems and methods for secure transaction management and electronic rights protection**	**713/200**
28	**Computer control system and user interface for media playing devices**	**707/104.1**
29	**Object-oriented framework for creating multimedia applications**	**715/500.1**
30	**Method and system for editing digital audio information with music-like parameters**	**84/609**
31	**Note assisted musical instrument system and method of operation**	**84/609**

	Current XRef	Retrieval Classif	Inventor	S
24	705/26; 705/400; 713/200		Ginter, Karl L. et al.	☒
25	705/30		Ginter, Karl L. et al.	☒
26	84/645		Mohrbacher, Bernard	☒
27	713/201		Ginter, Karl L. et al.	☒
28	84/609; 84/610; 84/622		Contois, David C.	☒
29	345/709		Milne, Steven H. et al.	☒
30	369/83; 700/87; 84/603; 84/604; 84/626		Timis, Dan et al.	☒
31	84/477R; 84/613; 84/627; 84/DIG.22		Eventoff, Franklin et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
24	☐	☐	☐	☐	☐	☐	US 5915019	☐
25	☐	☐	☐	☐	☐	☐	US 5910987	☐
26	☐	☐	☐	☐	☐	☐	US 5902949	☐
27	☐	☐	☐	☐	☐	☐	US 5892900	☐
28	☐	☐	☐	☐	☐	☐	US 5864868	☐
29	☐	☐	☐	☐	☐	☐	US 5848291	☐
30	☐	☐	☐	☐	☐	☐	US 5792971	☐
31	☐	☐	☐	☐	☐	☐	US 5773742	☐

	U	1	Document ID	Issue Date	Pages
32	☐	☐	US 5734119 A	19980331	30
33	☐	☐	US 5693903 A	19971202	22
34	☐	☐	US 5602356 A	19970211	42
35	☐	☐	US 5585585 A	19961217	66
36	☐	☐	US 5544297 A	19960806	40
37	☐	☐	US 5523525 A	19960604	26
38	☐	☐	US 5511002 A	19960423	40
39	☐	☐	US 5479351 A	19951226	10
40	☐	☐	US 5448287 A	19950905	11
41	☐	☐	US 5390138 A	19950214	39

	Title	Current OR
32	Method for streaming transmission of compressed music	84/622
33	Apparatus and method for analyzing vocal audio data to provide accompaniment to a vocalist	84/668
34	Electronic musical instrument with sampling and comparison of performance data	84/609
35	Automated accompaniment apparatus and method	84/610
36	Object-oriented audio record/playback system	715/500.1
37	Performance recording and playback apparatus	84/602
38	Multimedia player component object system	710/316
39	Time-keeping system and method for synchronizing independent recordings of a live performance in post-recording editing	701/215
40	Spatial video display system	348/39
41	Object-oriented audio system	381/119

	Current XRef	Retrieval Classif	Inventor	S
32	84/645		France, Gordon Scott et al.	☒
33	84/609; 84/636; 84/645		Heidorn, Allen J. et al.	☒
34	84/603		Mohrbacher, Bernard	☒
35	84/612; 84/634; 84/666		Paulson, John W. et al.	☒
36			Milne, Steven H. et al.	☒
37	348/460; 348/462; 348/484; 84/645		Murakami, Kazuo et al.	☒
38	715/500.1		Milne, Steven H. et al.	☒
39	348/515; 352/12; 701/200; 701/35		Woo, Arthur et al.	☒
40	348/36; 348/48		Hull, Andrea S.	☒
41	345/727; 703/20		Milne, Steven H. et al.	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
32	☐	☐	☐	☐	☐	☐	US 5734119	☐
33	☐	☐	☐	☐	☐	☐	US 5693903	☐
34	☐	☐	☐	☐	☐	☐	US 5602356	☐
35	☐	☐	☐	☐	☐	☐	US 5585585	☐
36	☐	☐	☐	☐	☐	☐	US 5544297	☐
37	☐	☐	☐	☐	☐	☐	US 5523525	☐
38	☐	☐	☐	☐	☐	☐	US 5511002	☐
39	☐	☐	☐	☐	☐	☐	US 5479351	☐
40	☐	☐	☐	☐	☐	☐	US 5448287	☐
41	☐	☐	☐	☐	☐	☐	US 5390138	☐

	U	1	Document ID	Issue Date	Pages
42	☐	☐	US 5388264 A	19950207	39
43	☐	☐	US 5346046 A	19940913	21
44	☐	☐	US 5315060 A	19940524	28
45	☐	☐	US 5243513 A	19930907	22
46	☐	☐	US 5212733 A	19930518	51
47	☐	☐	US 5142961 A	19920901	17
48	☐	☐	US 5040081 A	19910813	16

	Title	Current OR
42	Object oriented framework system for routing, editing, and synchronizing MIDI multimedia information using graphically represented	707/103R
43	Automation control with improved operator/system interface	192/142A
44	Musical instrument performance system	84/726
45	Automation control with improved operator/system interface	700/83
46	Sound mixing device	381/119
47	Method and apparatus for stimulation of acoustic musical instruments	84/726
48	Audiovisual synchronization signal generator using audio signature comparison	386/66

	Current XRef	Retrieval Classif	Inventor	S
42	707/104.1; 715/500.1		Tobias, II, John C. et al.	☒
43	188/82.3; 188/82.7; 40/524; 40/550; 700/83; 74/10.2		Peters, John M.	☒
44	84/11; 84/3; 84/603		Paroutaud, Fred	☒
45			Peters, John M.	☒
46	345/727; 345/839; 345/978		DeVitt, Douglas J. et al.	☒
47	84/2; 84/3; 84/645; 84/725; 84/738; 84/743		Paroutaud, Fred	☒
48	386/96		McCutchen, David	☒

	C	P	2	3	4	5	Image Doc. Displayed	PT
42	☐	☐	☐	☐	☐	☐	**US 5388264**	☐
43	☐	☐	☐	☐	☐	☐	**US 5346046**	☐
44	☐	☐	☐	☐	☐	☐	**US 5315060**	☐
45	☐	☐	☐	☐	☐	☐	**US 5243513**	☐
46	☐	☐	☐	☐	☐	☐	**US 5212733**	☐
47	☐	☐	☐	☐	☐	☐	**US 5142961**	☐
48	☐	☐	☐	☐	☐	☐	**US 5040081**	☐